

What is claimed is

1. A supporting mechanism for an optical disc driving device, comprising:
 - a box;
 - 5 a main frame provided in the box;
 - first elastic members elastically connecting the main frame to the box;
 - an optical disc driving device mounted on the main frame, the optical disc driving device including a spindle
 - 10 motor and a turntable securely mounted on a rotating shaft of the spindle motor;
 - a sub-frame; and
 - second elastic members elastically connecting the sub-frame to the main frame.
- 15 2. The mechanism according to claim 1 wherein the mass of the sub-frame is 1/10 - 1/3 of the mass of the main frame.
3. The mechanism according to claim 1 wherein the sub-frame has a shape of a flat plate.
- 20 4. The mechanism according to claim 1 wherein the sub-frame is made of metal.
5. The mechanism according to claim 1 wherein the second elastic member is made of either of rubber and plastic.